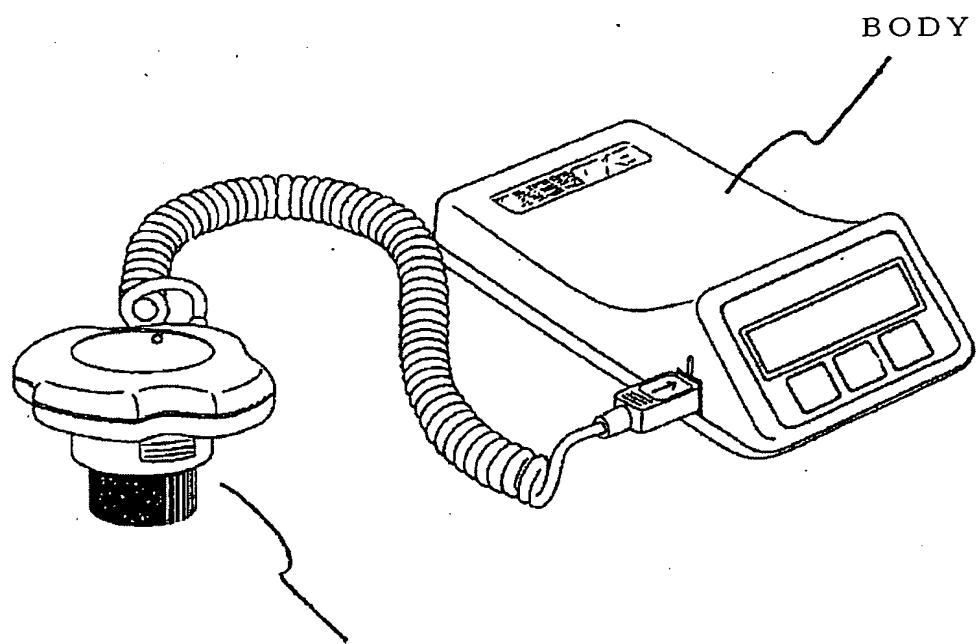


Fig.1



ULTRASONIC MEDICAL TREATMENT
HEAD MODULE

FIG. 2

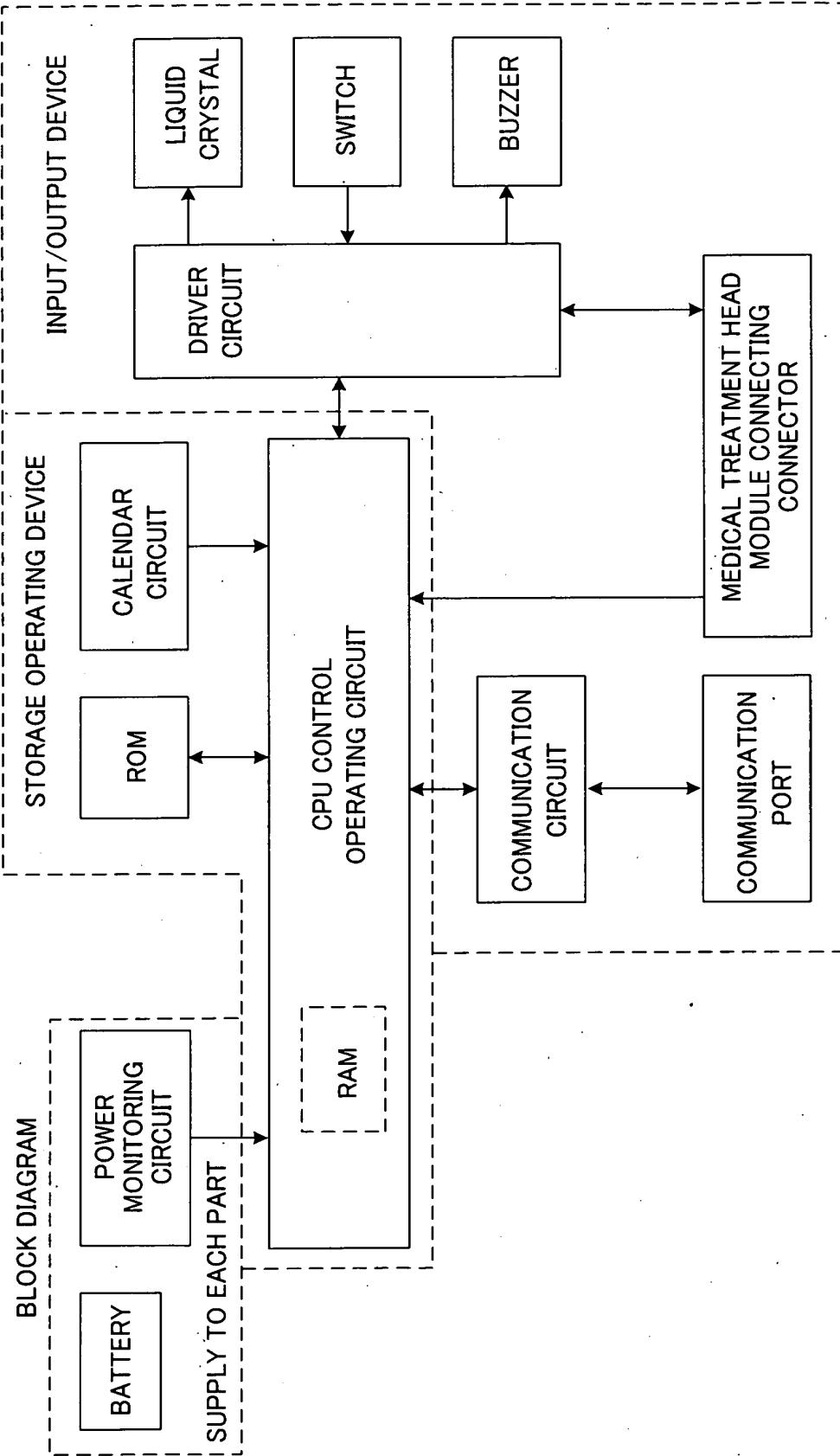


FIG. 3

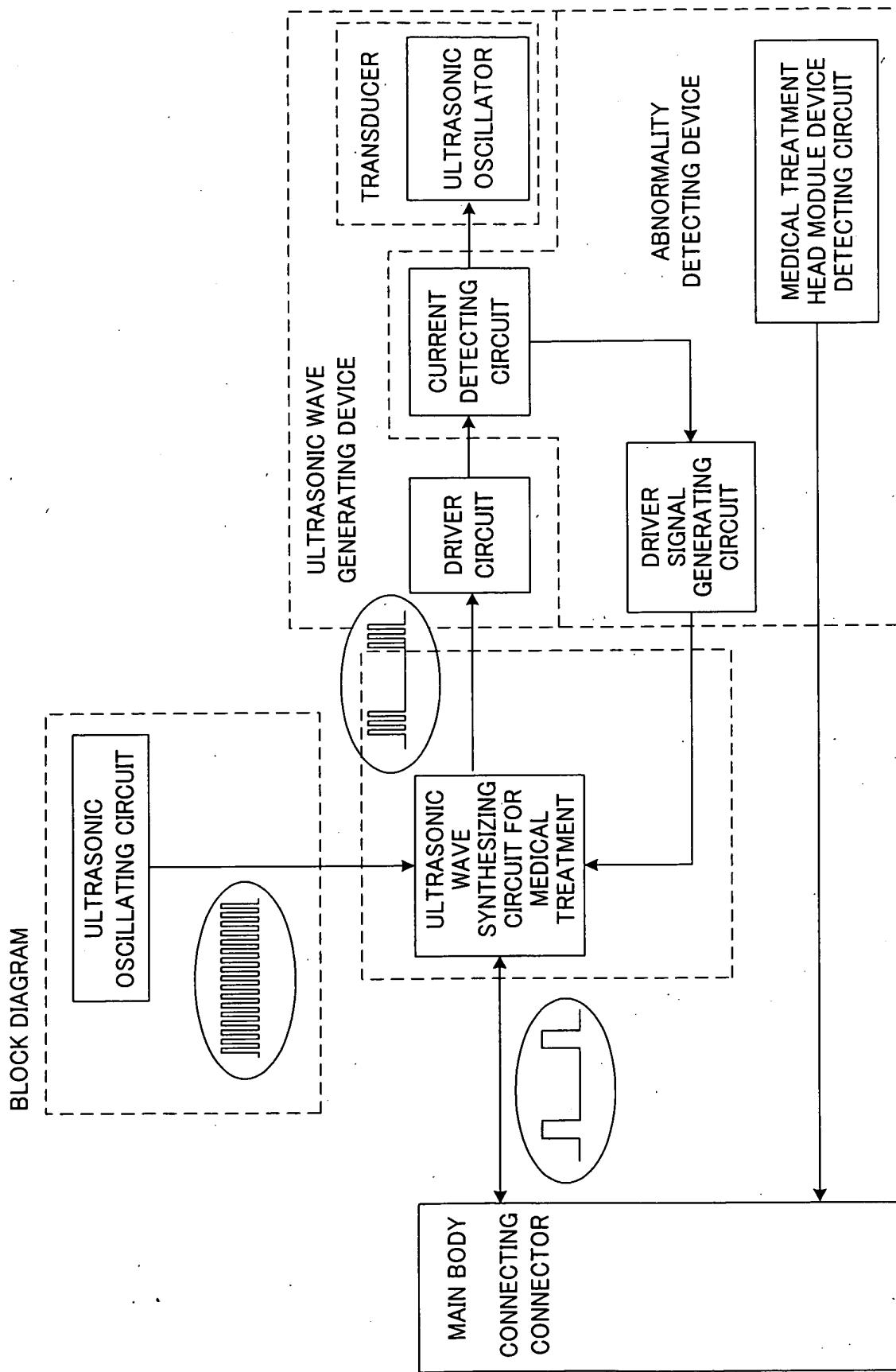
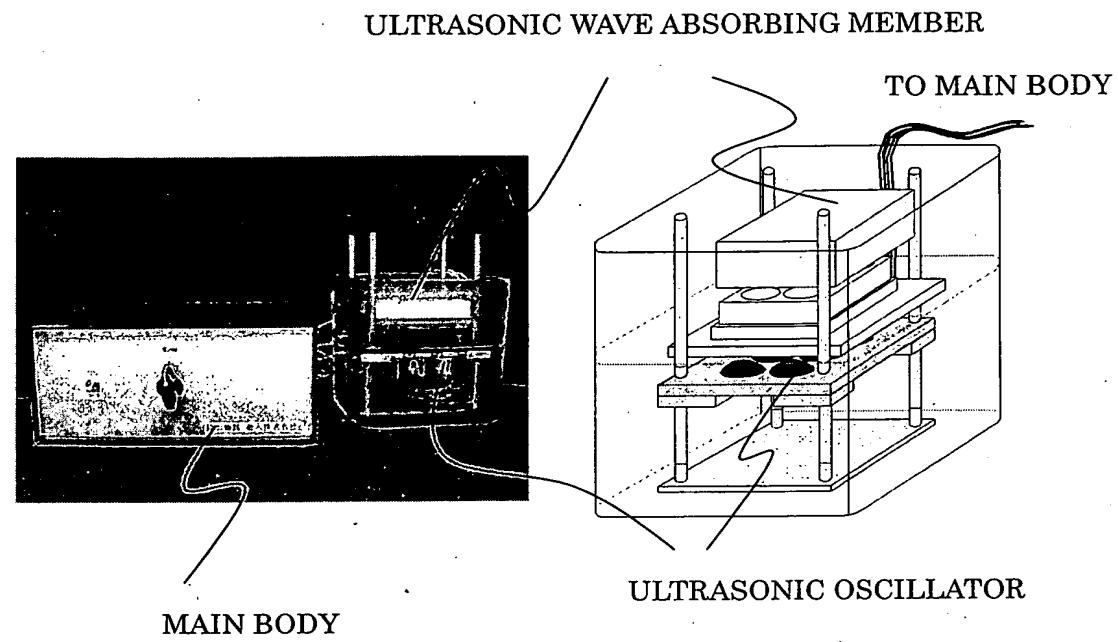


Fig. 4



<OUTLOOK DIAGRAM OF
EXPERIMENT DEVICE>

<ULTRASONIC FRAME DIAGRAM>

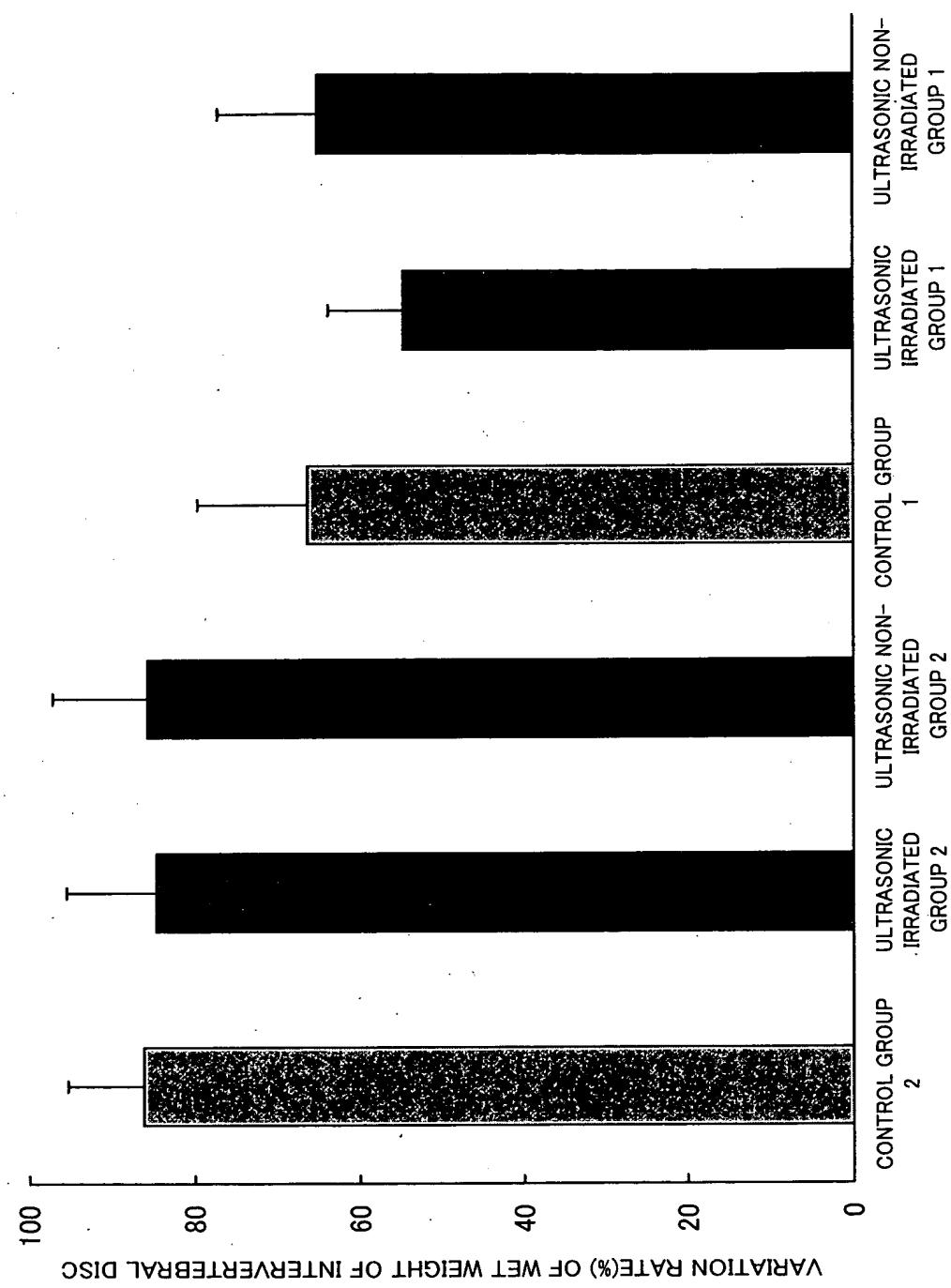
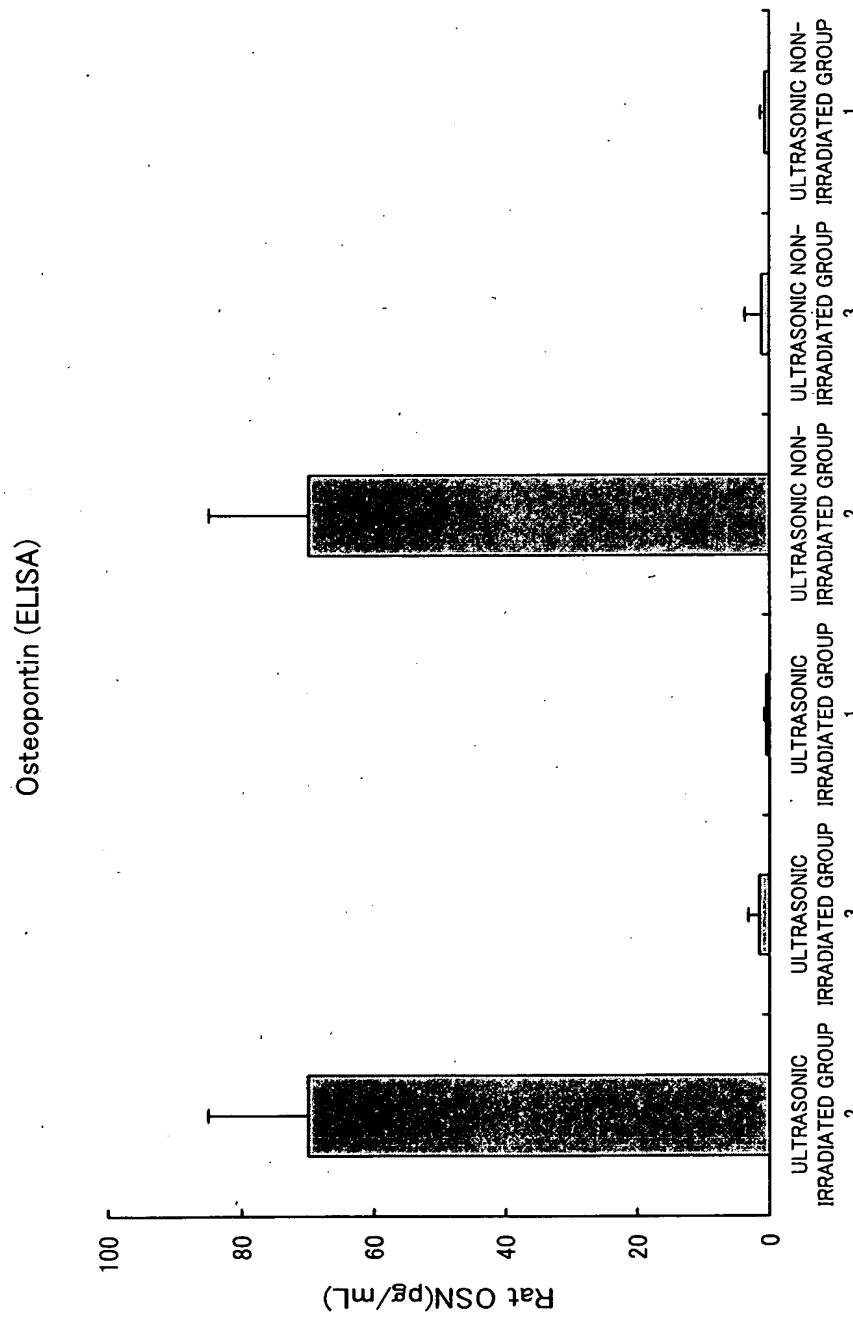
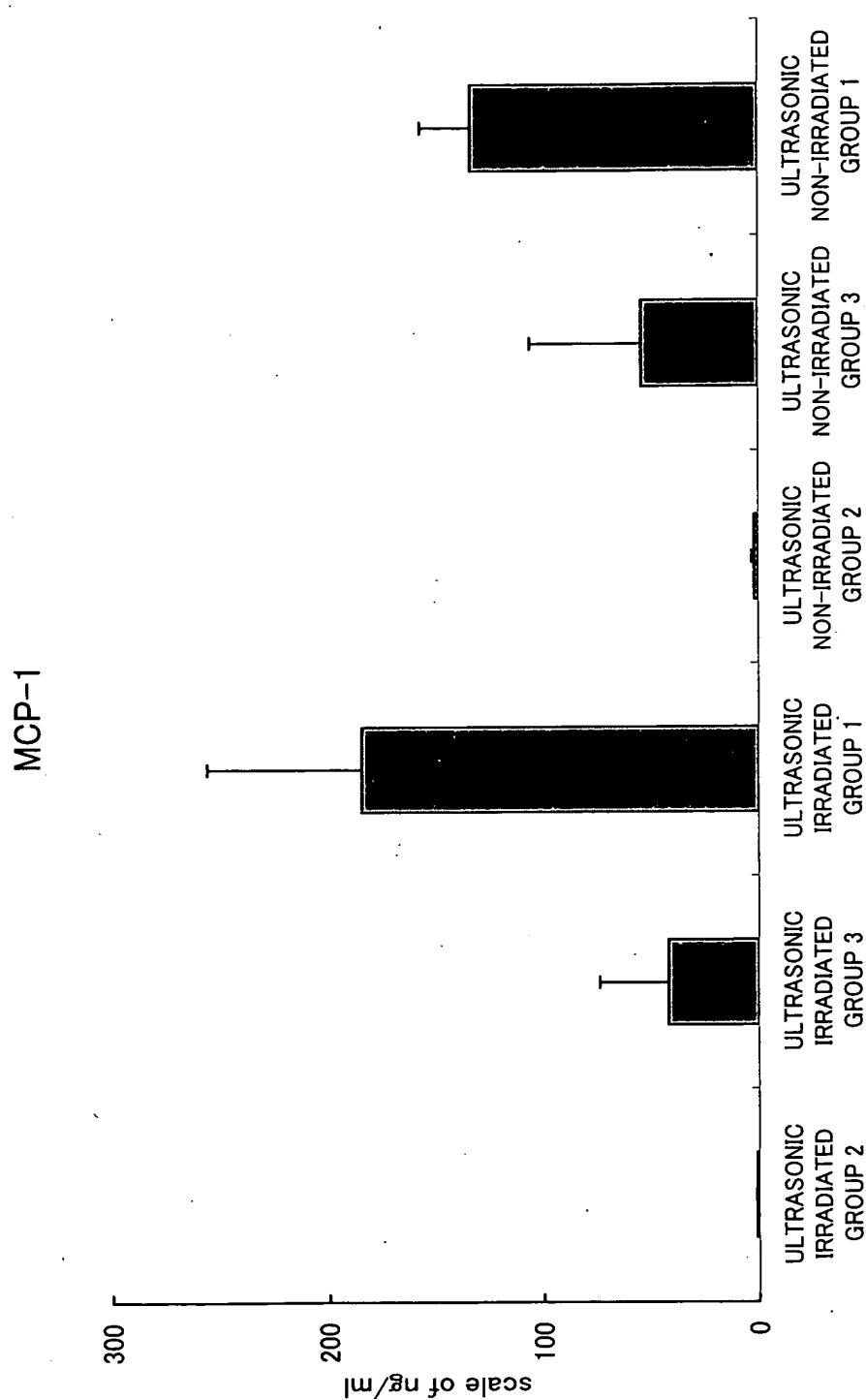


Fig. 6



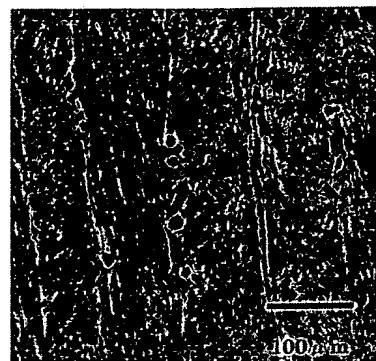
(n=5~10, paired-t VERIFICATION; *<0.05)

Fig. 7

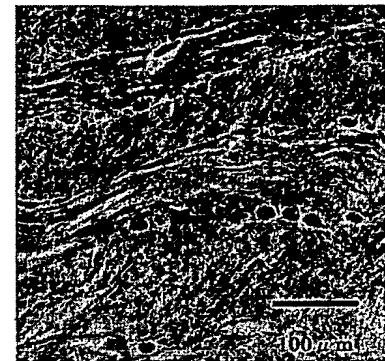


(n=5~10, paired-t VERIFICATION; **<0.01)

Fig. 8

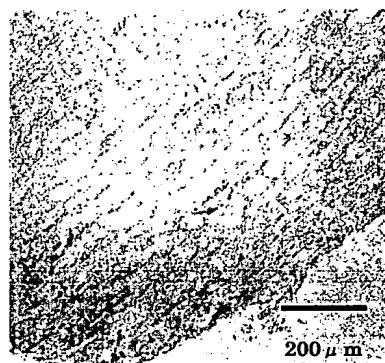


ULTRASONIC IRRADIATED
GROUP 1

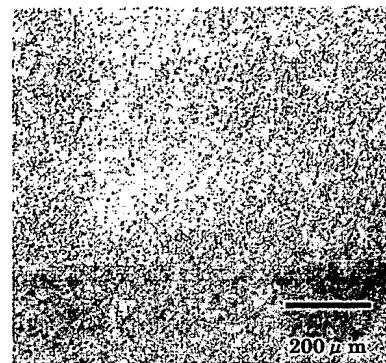


ULTRASONIC NON-IRRADIATED
GROUP 1

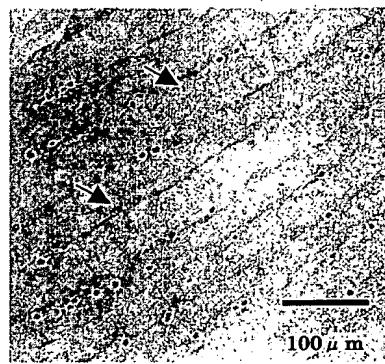
Fig. 9



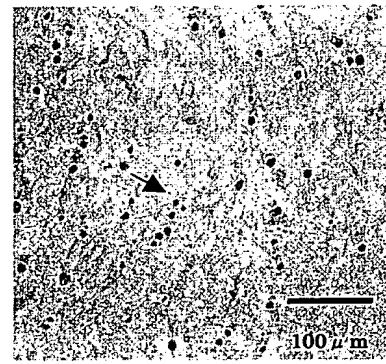
ULTRASONIC IRRADIATED
GROUP 1



ULTRASONIC NON-IRRADIATED
GROUP 1



ULTRASONIC IRRADIATED
GROUP 1



ULTRASONIC NON-IRRADIATED
GROUP 1

Fig. 10

MMP-3 IMMUNOSTAINING RESULT

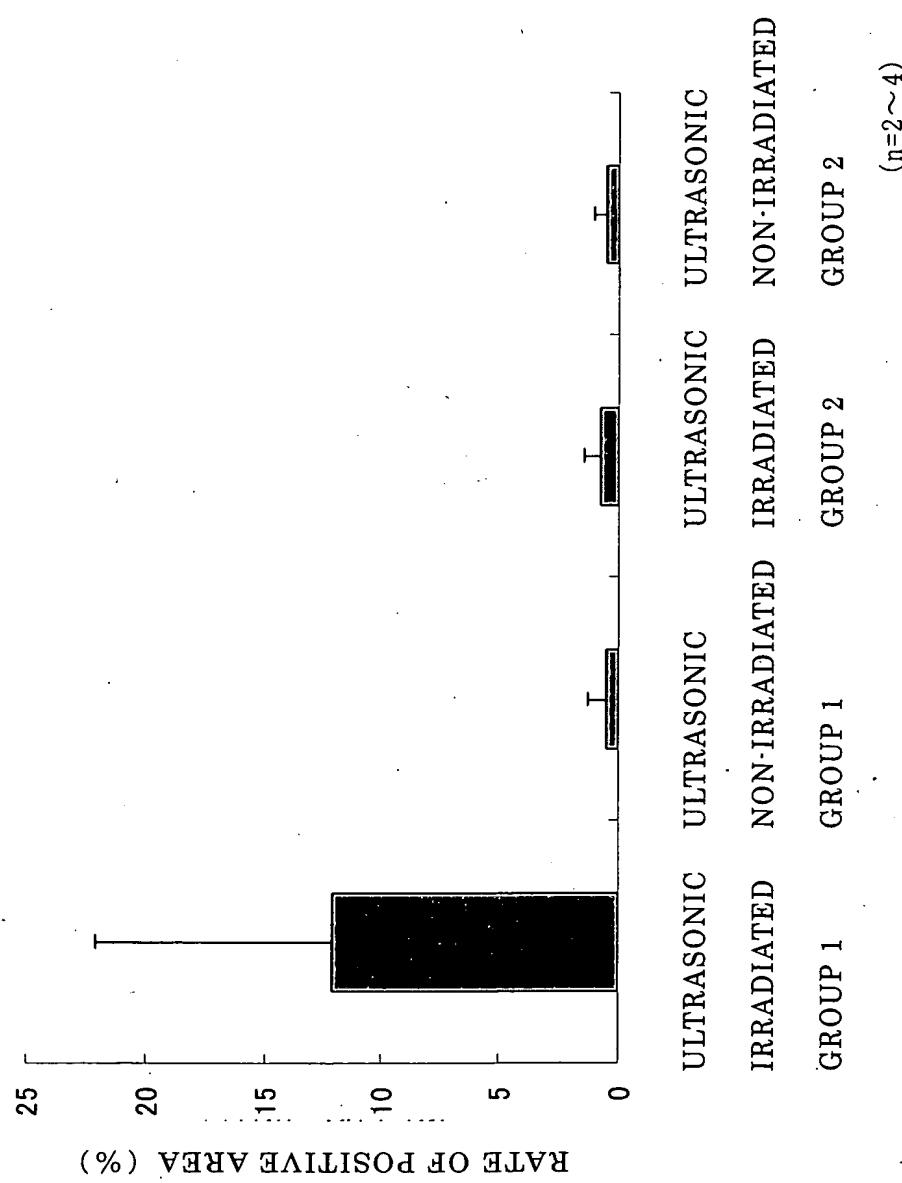


Fig. 11

